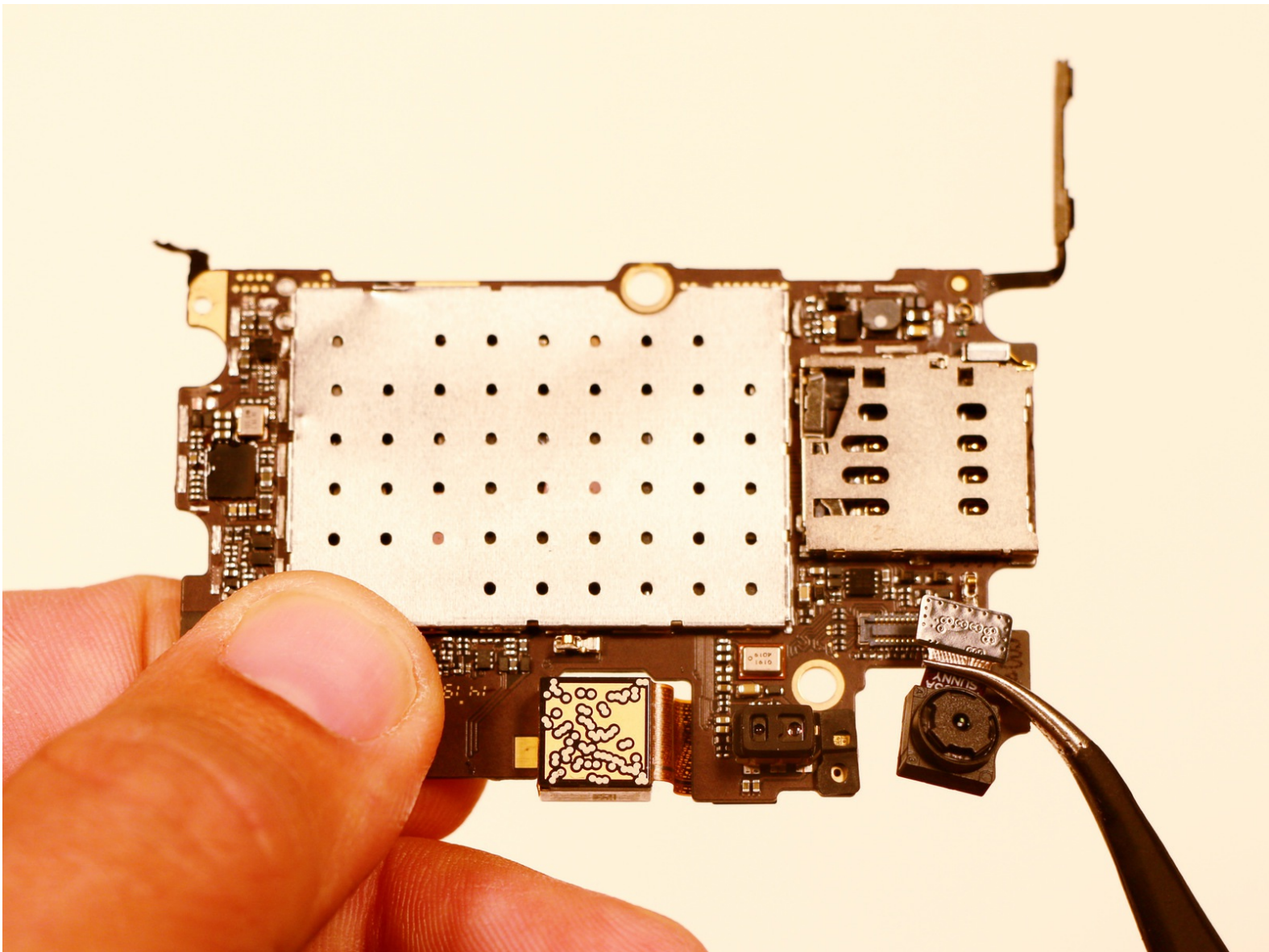




# OnePlus One Rear Facing Camera Replacement

This guide will walk you through removal and replacement of the rear camera in your OnePlus One smartphone.

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## TOOLS:

- [Tweezers](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [SIM Card Eject Tool](#) (1)
- [Spudger](#) (1)



## PARTS:

- [OnePlus One Rear Camera](#) (1)
- [OnePlus One Motherboard](#) (1)

## Step 1 — Removal of Rear Panel



- Remove the SIM tray.
- Using a plastic opening tool, carefully separate the back panel from the main body assembly of the phone. Be extra careful around the SIM slot or other weak areas.
- You may encounter some resistance due to hidden locking clips around the inside edge of the phone. Not to worry; just move in one consistent direction around the phone as opposed to jumping from spot to spot!
- Top to bottom, left to right, clockwise or counter clockwise, once we make it about half way around the device, the panel is easily removable by hand.

**⚠ It is of utmost importance that you do not attempt to free the battery from the device at this point without proceeding to the following step!** This is an *integrated* battery that can easily be damaged or destroyed if the proper steps are not taken.

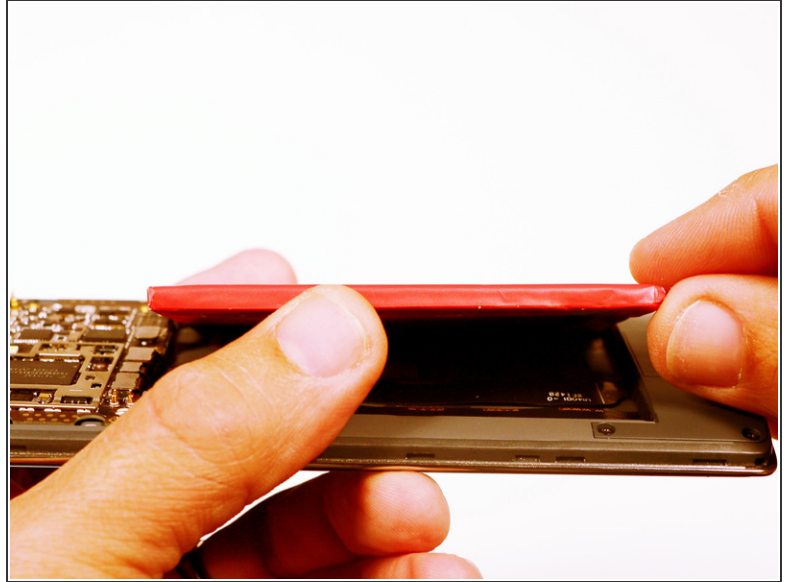
## Step 2 — Removing the Motherboard Cover



- Using our #00 screwdriver, we remove the screws around the outer edge of the upper interior cover of the phone that houses the motherboard and cameras. ***See info note below!***
  - ⓘ Keep in mind that there are four hidden screws. One underneath the white tamper sticker(uh-oh) and a second under the plastic plug(circled in red), and 2 more under plastic plugs to the left and right of the camera. Tweezers are an effective tool for removing the plug.
- Luckily, the OnePlus One was assembled with all of the same size screws save for the one holding down the motherboard. All of *these* screws are Philips 00 and 3.175 mm. in length.
- Once all of the 9 screws have been removed, you can pry the cover off with the blue opening tool, exposing the motherboard.

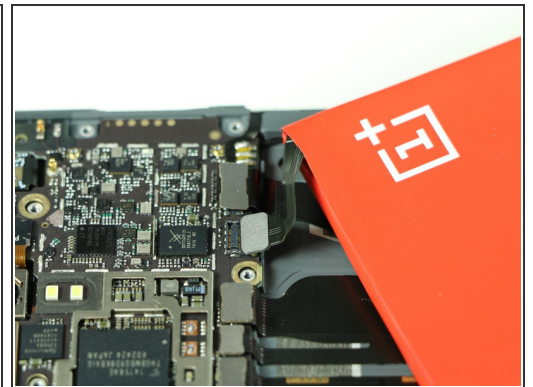
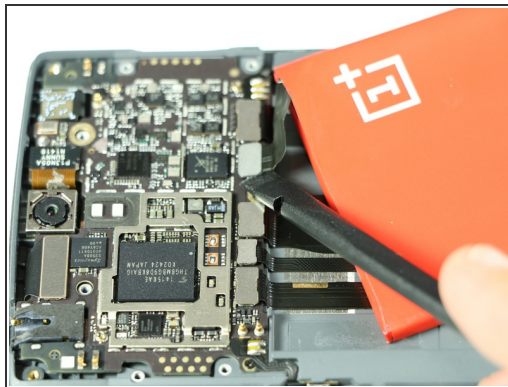
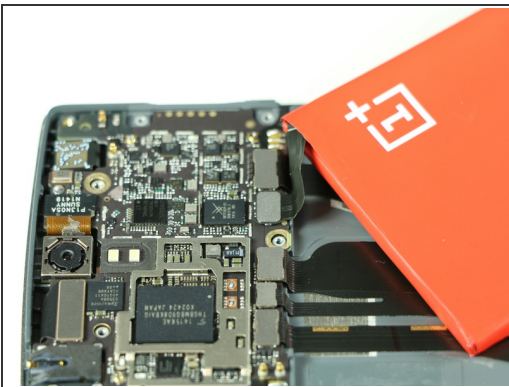


### Step 3 — Freeing the Battery



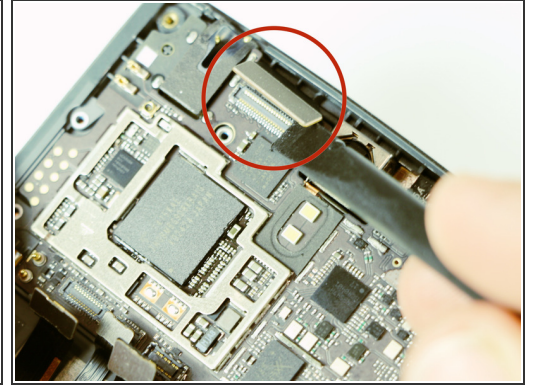
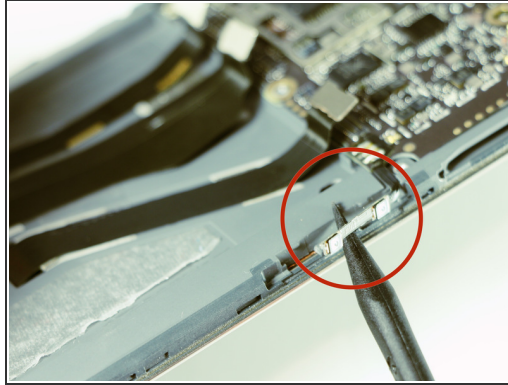
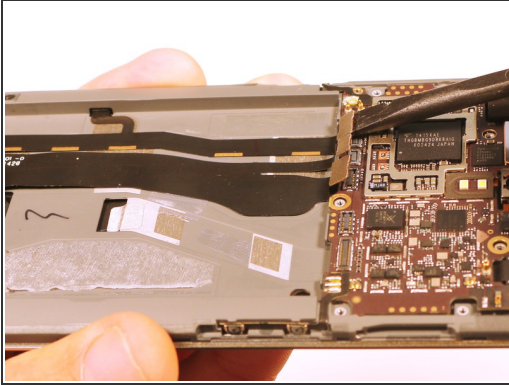
- After we have removed the motherboard cover, we notice that the battery is intact and has a black ribbon attached to it, which is mounted on the logic board.
  - Using the spudger, carefully begin to lift the the battery up from the side opposite the ribbon. Be aware that there is high-grade adhesive holding the battery in its bay, so caution and patience are your friends.
- ⚠ This battery is not encased in a hard shell so it is soft and malleable. Caution must be taken during removal so as not to cause permanent damage.

### Step 4 — Freeing the Battery Ribbon



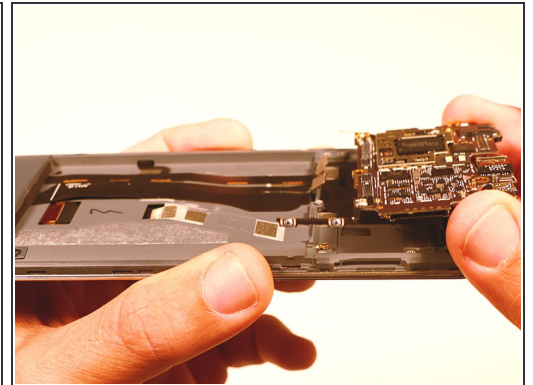
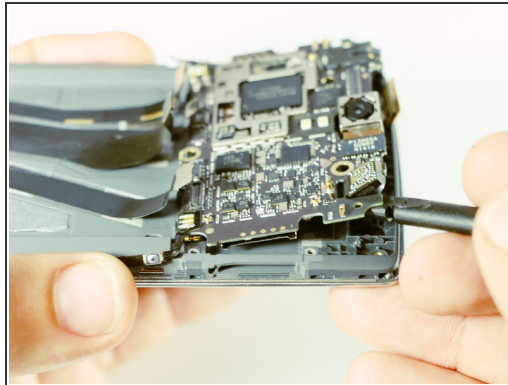
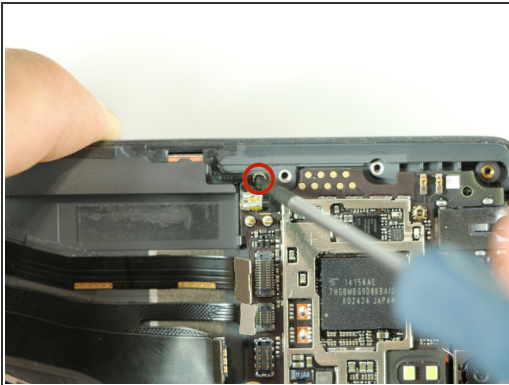
- Once the battery has been freed, we use the ever handy black spudger to pry up and free the the battery ribbon from its dock. Success!

## Step 5 — Removal of Ribbons



- After the battery has been removed, use the spudger to disconnect the remaining ribbons.
- Notice that there are two side ribbons, one on each side (volume up/down and power), and a top ribbon as well as those from the battery compartment.

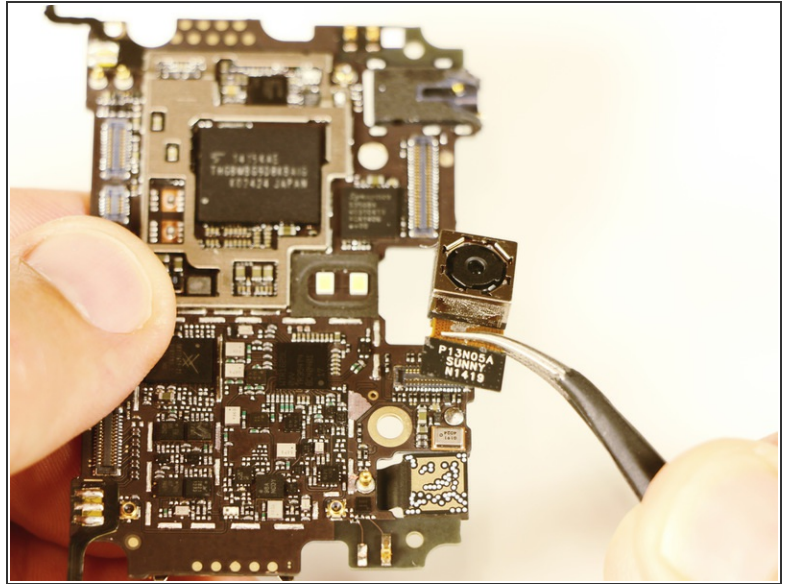
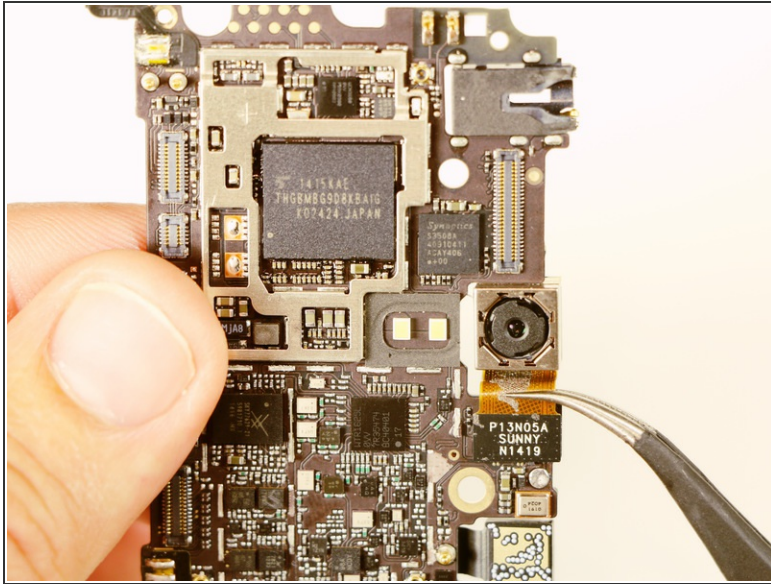
## Step 6 — Removal of Motherboard



- After removal of the ribbons, there is one final screw. Once you have removed this, the motherboard easily pries out with spudger.
- This is the only screw that differs in size. This screw is a philips 00, 3.00 mm. in length.



## Step 7 — Removal of Rear Facing Camera



- Once the motherboard has been removed simply pry off the rear facing camera with a spudger or angled tweezers.

To reassemble your device, follow these instructions in reverse order.

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